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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/690,963	10/23/2003	Donald L. Schilling	LINX13US	6194
7590 12/01/2005				
David Newman ChrtD. P O Box 956 INDIAN HEAD, MD 20640				
			EXAMINER DINH, DUC Q	
			ART UNIT 2674	PAPER NUMBER

DATE MAILED: 12/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/690,963	<b>Applicant(s)</b> SCHILLING, DONALD L.	
	<b>Examiner</b> DUC Q. DINH	<b>Art Unit</b> 2674	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1, 5-6, 9-10 and 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Branson (U.S Patent No 6,819,304).

In reference to claims 1, 6 and 11, Branson discloses an adjustable display (100 of Fig. 1) to a transceiver, such as a cell phone, palm pilot or computer (Fig. 6), comprising: a plurality of display devices (101-108);

expanding means (flexible printed circuit allow the display 100 to be folded along portion 109, 112; Fig. 1 col. 4, lines 56-64; or latching mechanism such as a tongue and groove mechanism) connected to said transceiver and to the plurality of display devices (101-108), for expanding the plurality of display devices about said transceiver; and

screen-size indicator (switch array 640, CPU 641), electrically connected to the plurality of display devices (101-108), for determining a screen size, said screen-size indicator (col. 10, lines 38-50), responsive to the screen size and responsive to a video signal, for displaying the video signal on the plurality of display devices, or the combination of the plurality of display devices, as determined by the screen size, respectively (col. 10, lines 52-67).

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In reference to claims 4 and 9 and 12, Branson discloses a plurality of sensors 107a-107h connected to the plurality of display devices 101-108, respectively, for sensing when the plurality of display devices are expanded (Fig. 1, col. 10, lines 49-51).

In reference to claims 5 and 10, Branson discloses the expanding means including means for folding the plurality of display devices (col. 4, lines 54-56).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-3, 7-8 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Branson (U.S Patent No 6, 819,304) in view of Sall (U.S Patent No 6,859,219).

In reference to claims 2 and 7, Branson discloses the expanding means may include a latching mechanism, such as tongue and groove mechanism, which permit the display segments 101-108 to be easily detached and reattached (col. 5, lines 27-33). Branson does not disclose the expanding including a spring load and a latch, for ejecting and securing a display device of the plurality of display devices.

Sall disclose a multiple display devices for a computer (Fig. 1) having spring load switches 210 and 212 for ejecting and securing a display device of the plurality of display device (col. 3, lines 35-55).

It would have been obvious for one of ordinary skill in the art at the time of the invention to recognize that the spring lock mechanism of Sall would provide a secured and stable holding

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mechanism for the display system when multiple display devices are used for displaying multiple applications on the screen (col. 3, lines 35-40 and col. 4, lines 25-40).

In reference to claims 3, 8 and 11, Branson discloses everything (see rejection of claim 1) except the expanding including hinges for expanding the plurality of display devices. Sall discloses plurality of display devices for the laptop computer in Fig. 5 having hinges for expanding plurality of display devices as claimed.

It would have been obvious for one of ordinary skill in the art at the time of the invention to substitute the expanding means in the device of Branson with hinges mechanism as taught by Sall because it would allow the secondary display devices to be turned to allow different viewing angles (col. 6, lines 35-40).

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUC Q DINH whose telephone number is (571) 272-7686. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

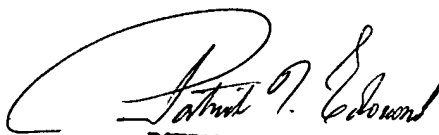
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edouard Patrick can be reached on (571) 272-7603. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUC Q DINH  
Examiner  
Art Unit 2674

DQD  
November 21, 2005



**PATRICK N. EDOUARD**  
**SUPERVISORY PATENT EXAMINER**